# Anti-CD11C (N418) In Vivo Antibody - Low Endotoxin

Bulk anti-CD11C In Vivo Antibody - Low Endotoxin (N418)

### **Product Benefits:**

ichorbio's anti-CD11C In Vivo Antibody - Low Endotoxin (N418) is manufactured in a cGMP compliant, ISO Quality Standard 9001:2015 facility. ichorbio's low endotoxin antibodies have half the endotoxin of comparable antibodies from <u>Bio X Cell</u> at less than 1.0 EU/mg. If ichorbio's low endotoxin antibodies are not low enough we also offer ultra low endotoxin antibodies which have even less endotoxin (<0.5EU/mg) at an even higher purity (98% versus 95%).

#### **Target:**

CD11c

#### **Clone:**

N418

#### Isotype:

Armenian Hamster IgG

#### **Other Names:**

Integrin alpha-X, Itgax, Leukocyte adhesion glycoprotein p150,95 alpha chain, Leukocyte adhesion receptor p150,95

#### **Uniprot:**

#### Q9QXH4

# Host:

Armenian Hamster

# **Species Reactivity:**

Mouse

# Specificity:

Anti-CD11C In Vivo Antibody - Low Endotoxin (N418) recognizes an epitope on Mouse CD11C

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### **Purification Method:**

This monoclonal antibody was purified using multi-step affinity chromatography methods such as Protein A or G depending on the species and isotype.

#### **Antigen Distribution:**

Dendritic cells, NK cells, intestinal intraepithelial lymphocytes (IEL), some activated T cells

#### **Background:**

CD11c is a 150 kD glycoprotein primarily expressed on dendritic cells, NK cells, a subset of intestinal intraepithelial lymphocytes (IEL), and some activated T cells.

#### Immunogen:

Mouse spleen dendritic cells

#### **Concentration:**

1.0 mg/ml

#### Formulation:

0.01 M phosphate buffered saline (PBS) pH 7.2, 150 mM NaCl with no carrier protein, potassium or preservatives added. BSA and Azide free.

#### **Purity:**

>95% by SDS-PAGE and HPLC

>98% by SDS-PAGE and HPLC

#### **Endotoxin:**

? 1.0 EU/mg as determined by the LAL method

 $?\,0.75$  EU/mg as determined by the LAL method

#### **Aggregation:**

Aggregation level ? 5%

Aggregation level ? 1%

#### **Storage:**

This antibody is stable for at least 4 weeks when stored at 2-8°C. For long term storage, aliquot in working volumes without diluting and store at  $-20^{\circ}$ C or  $-80^{\circ}$ C. Avoid repeated freeze thaw cycles.

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### **Applications:**

Western Blot, Flow Cytometry, Immunoprecipitation, IHC (Frozen), Immunofluorescence, Immunocytochemistry, ELISA

### **Application Notes:**

Each investigator should determine their own optimal working dilution for specific applications.

Use:

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#### **Isotype Control:**

Armenian Hamster IgG Isotype Control for In Vivo - Low Endotoxin [PIP] (ICH2251)

#### Antibodies against the same target:

Anti-CD11c In Vivo Antibody - Low Endotoxin [3.9] (ICH1008)

#### **Alternative Names:**

- 95 alpha chain antibody
- 95 antibody
- CD 11c antibody
- CD11 antigen like family member C antibody
- CD11 antigen-like family member C antibody
- CD11c antibody
- CD11c antigen antibody
- Complement component 3 receptor 4 subunit antibody
- CR4 antibody
- Integrin alpha X antibody
- Integrin alpha X chain antibody
- Integrin alpha-X antibody
- Integrin aX antibody
- Integrin subunit alpha X antibody
- integrin, alpha X (antigen CD11C (p150), alpha polypeptide) antibody
- integrin, alpha X (complement component 3 receptor 4 subunit antibody
- ITAX\_HUMAN antibody
- ITGAX antibody
- LEU M5 alpha subunit antibody
- Leu M5 antibody
- Leukocyte adhesion glycoprotein p150 95 alpha chain antibody
- Leukocyte adhesion glycoprotein p150 antibody
- Leukocyte adhesion receptor p150 95 antibody
- Leukocyte adhesion receptor p150 antibody
- Leukocyte surface antigen p150 95 alpha subunit antibody
- Leukocyte surface antigen p150 alpha subunit antibody

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- Myeloid membrane antigen alpha subunit antibody
- p150 95 integrin alpha chain antibody
- p150 antibody
- p150/95 antibody
- SLEB6 antibody

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